

Special Issue

Design, Analysis and Application of Power Electronics, Motor Drives and Renewable Energy Systems

Message from the Guest Editor

The focus of this Special Issue is on problems relating to the design, analysis, and application of power electronics, motor drives, and renewable energy systems. The is inviting high-quality articles that discuss the areas highlighted above, including review papers on the current state-of-the-art and projected trends for the future. Topics of interest include but are not limited to:

- Design, analysis, and application of motor drives (including in emerging applications), control of electric drives, control systems and algorithms in motor drives, energy efficiency of motor drives, advanced electric machine topologies
- Design of robust and efficient power electronic systems, intelligent control schemes in power converters, including modular power converters
- Application of power electronics in renewable energy systems, design and application of renewable energy systems, integration, and grid interface issues
- Stability issues of power electronic converters in renewable energy systems and dc grids, reliability, condition monitoring, and diagnostics and fault detection.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2022)



Energies

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Impact Factor 3.2
CiteScore 7.3



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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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